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the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 10/646,851 **TRANSMITTAL** Filing Date 08/22/2003 **FORM** First Named Inventor Rui Liang Art Unit 2157 (to be used for all correspondence after initial filing) **Examiner Name** Attorney Docket Number 10830.0097.NPUS00 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance communication Drawing(s) Fee Transmittal Form to Technology Center (TC) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Petition Amendment/Reply (Appeal Notice, Brief, Reply Brief) Petition to Convert to a Provisional Application **Proprietary Information** After Final Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Terminal Disclaimer Extension of Time Request Identify below): A copy of each reference C1 to C18 Request for Refund Express Abandonment Request CD, Number of CD(s) Information Disclosure Statement Remarks Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Howrey Simon Arnold & White, LLP Richard C. Auchterlonie Individual name Signature Clustitutaria REG. 30,607 Date 28 April 2004 CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. 3/86/78/7 US

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INFORMATION DISCLOSURE STATEMENT

Atty. Docket No. Serial N	0.
10830.0097.NPUS00 10/646,8	51

Applicant

Rui Lang, Jiannan Zheng, Mark K. Ku, Xiaoye Jiang, Sorin Faibish

Filing	Date:	
08/22/	2003	

Group: 2157

(Use several sheets if necessary)

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	Al	US 2004/	02/12/2004	Armangau et al.	714	6	8/6/2002
		0030951 A1					
	A2 .	US 2004/	02/12/2004	Armangau et al.	711	154	8/6/2002
		0030846 A1		1		:	
	A3	US 2004/	02/12/2004	Armangau et al.	707	200	8/6/2002
		0030727 A1			•		
	A4	2004/005982 2 A I	3/25/2004	Jiang et al.	709	230	9/25/2002
	A5	2003/021711 9 A I	11/20/2003	Raman et al.	709	219	5/16/2002
	A6	6,397,292	5/28/2002	Venkatesh et al.	711	114	8/19/1999
-	A7	6,353,878	3/5/2002	Dunham	711	162	8/13/1998
	A8	6,076,148	12/26/1997	Kedem	711	162	12/26/1997
	A9	5,974,563	10/26/1999	Beeler, Jr.	714	5	10/2/1998
	A10	5,974,503	10/26/1999	Venkatesh et al.	711	114	5/5/1997
	A11	5,948,062	9/7/1999	Tzelnic et al.	- 709	219	11/13/1996
	A12	5,742,792	4/21/1998	Yanai et al.	395	489	5/28/1996

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Forney TO-1449 (modified)	Atty. Docket No. 10830.0097.NPUS00	Serial No. 10/646,851
PADEMARY CELEST OF Patents and Publications for Applicant's	Applicant	
Information Disclosure Statement	Rui Lang, Jiannan Jiang, Sorin Faibish	Zheng, Mark K. Ku, Xiaoye
(Use several sheets if necessary)	Filing Date:	Group:

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Ref. Des.		Citation			
		Sean Derrington, "NAS and SAN Storage: Separate but Equal? - Part 2," File 838, Server Infrastructure Strategies, Meta Group Inc., 208 Harbor Drive, Stamford, CT 06912-0061, June 12, 2000, 4 pages.			
	C2	Charles M. Kozierok, "Overview of SCSI-3 Standards," The PC Guide, http://www.pcguide.com/ref/hdd/if/scsi/std/scsi3Over-c.html , April 17, 2001, 3 pages.			
	C3	EMC Celerra SE5 File Server, EMC Corporation, Hopkinton, Mass. 01748-9103, 2002, 2 pages.			
	C4	David A. Patterson, Garth Gibson, and Randy H. Katz, "A Case for Redundant Arrays of Inexpensive Disks (RAID)," Report No. UCB/CSD 87/391, December 1987, Computer Science Division, University of California, Berkeley, California 94720 (24 pages).			
	C5	EMC Celerra HighRoad, EMC Corporation, Hopkinton, Mass., 2002, 10 pages.			
	C6	David Sacks, "Demystifying Storage Networking: DAS, SAN, NAS, NAS Gateways, Fibre Channel, and iSCSI," IBM Corporation, Jan Jose, California, 2001, 31 pages.			
	C7	"iSCSI Technical White Paper," Nishan Systems, San Jose, California, 2001, 12 pages.			
	C8	"iSCSI and SEP," Computer Science Department, University of Massachusetts, Lowell, Mass., 2002, 52 pages.			
	C9	"IP Packet Structure," Connected: An Internet Encyclopedia, Freesoft.org, printed 7/7/2003, 10 pages.			
	C10	Gorry Fairhurst, "IP Packet Header," published at www.erg.abdn.ac.uk , printed 7/7/2003, 2 pages.			
	C11	"Graphical Management of Celerra Network Server For the Microsoft Administrator," White Paper, EMC Corporation, Hopkinton, Mass., May 18, 2003, 20 pages.			
	C12	"Celerra File Server in the E-Infostructure," EMC Corporation, Hopkinton, Mass., 2000, 9 pages.			
	C13	"Celerra File Server Architecture for High Availability," EMC Corporation, Hopkinton, Mass., August 1999, 7 pages.			
	C14	"Symmetrix Data Migration Services," EMC Corporation, Hopkinton, Mass., 2000, 4 pages.			

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08/22/2003		

Group: 2157

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation	
	C15	John Phillips, "Storage Consolidation and Data Protection Using MultiStore TM ," Network Appliance, Inc., Sunnyvale, CA, 2003, printed 10/16/2003, 13 pages.	
	C16	Andy Watson and Paul Benn, "Multiprotocol Data Access: NFS, CIFS and HTTP," Network Appliance, Inc., Sunnyvale, CA, 2003, printed 12/12/2003, 29 pages.	
	C17	"Virtual Machines as Special class of Operating Systems," published at www.softpanorama.org , printed July 24, 2002, 13 pages.	
	C18	"Active Directory Overview," Microsoft Corporation, 1999, 13 pages.	

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